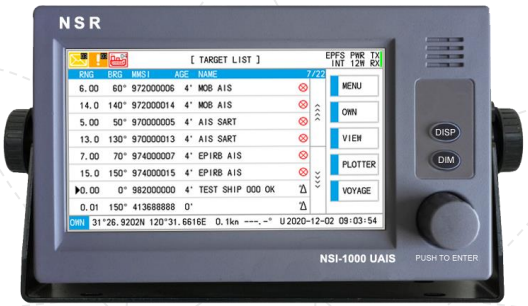
AIS CLASS A

NSI-1000

- Meet the latest IMO regulation and ITU standards
- Compatible with AIS AtoN, AIS SART and MOB
- Built-in isolated DC/DC with wide range input
- Support all NEMA versions for GNSS/HTG input
- Port for BAM system connection
- High stability and easy maintenance
- Type approval with DNV-GL (MED), CCS, RS and VR
- Type approval of Inland AIS by EU



MKD

AIS TRANSPONDER

- Designed to improve navigation safety and offers real-time information exchange of your own ships data and other AIS-equipped ships or coastal stations within VHF coverage.
- Fully complying with the international regulations, IMO MSC.74 (69), IMO MSC.302 (87), ITU-R M.1371-5, IEC 61993-2 (2018), IEC 62923-1,IEC 62923-2, etc.
- Can communicate with other SO-TDMA and CS-TDMA AIS transponders, including shipborne Class A AIS, Class B AIS, AtoN AIS station, AIS-SART, AIS MOB, etc.
- 7 inch, color LCD, touch screen operation with adjustable brilliance.
- Interface for RADAR, ECDIS, BAM, GYRO, BLUE SIGN, RELAY and external GNSS equipment.

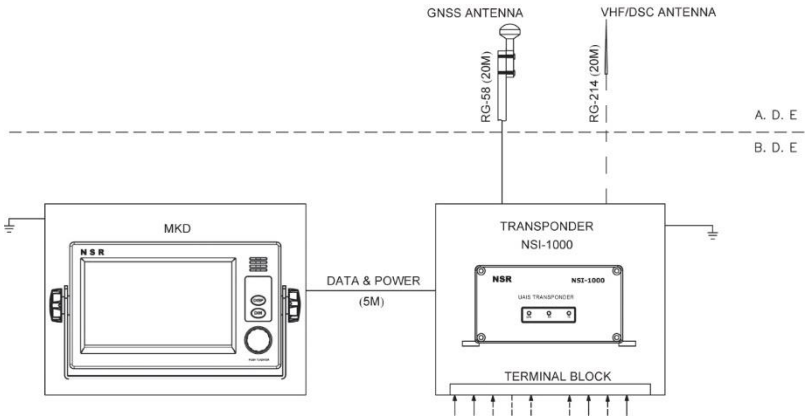
SPECIFICATIONS

- Frequency: 156.025 ~ 162.025 MHz (full channels)
- Default Channel: AIS 1 (CH2087), AIS 2 (CH2088)
- DSC Channel: CH70 (156.525 MHz)
- TX Power: 12.5 W (High) / 1 W (Low)
- Data Interface: RS422
- Power Supply: DC 24 V (12 V ~ 38 V)
- Size: 81 (H)×174 (W)×257 (D) mm (Transponder)
  145 (H)×264 (W)×83 (D) mm (MKD)
- Weight: 2.3 kg (Transponder), 1.25 kg (MKD)
- IP Grade: IP22 (Transponder, MKD), IP66 (Antenna)

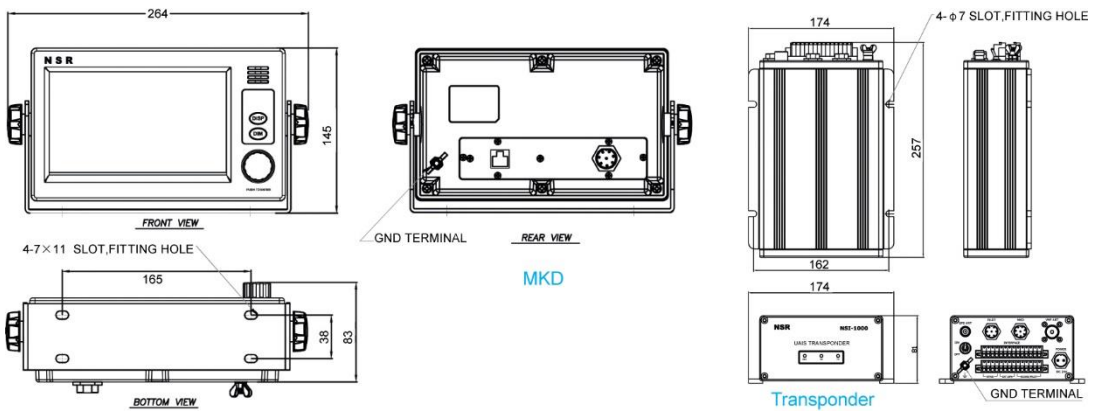
EQUIPMENT LIST

- **STANDARD**
  - AIS Transponder 1 pc
  - MKD 1 pc
  - GNSS Antenna (with 20 m cable) 1 pc
  - Accessories 1 set
- **OPTIONS**
  - NES-3010 Plotter 1 pc
  - VHF Antenna 1 pc
  - Pilot Plug 1 pc
  - Flush Mount Brackets for MKD 1 set

SYSTEM DIAGRAM



SIZE DIMENSION



※ *Specifications subject to change without notice*